

Docket # P11495

Serial No. 09/964,765

Remarks

With this amendment, Applicant has canceled claims 1-30 and added claims 31-54. Accordingly, Applicant respectfully requests allowance of the now pending claims 31-54.

35 U.S.C. 102 Rejections

Claims 1-30 were rejected under 35 U.S.C. 102(e) as being clearly anticipated by Lapidous et al. (US Patent 6,285,779). Claims 1-30 have been canceled.

New Claims Allowable Over Lapidous

New claims 31-54 are allowable over the cited reference of Lapidous for numerous reasons; however, only a few of such reasons are listed at this time in order to expedite the review of the newly added claims. In particular, Lapidous does not disclose, teach, or suggest a graphics controller having a W-buffer to store normalized W values in a variable format as required by Applicants' inventions of claim 31 and claim 43. Lapidous does not disclose, teach, or suggest converting normalized W values to a floating point format that is dependent upon depth parameters of an image as required by Applicants' invention of claim 37. Further, Lapidous does not disclose determining, based upon an image, a floating point format for normalized W values of the image and configuring a W-buffer to store the normalized W values using the floating point format as required by the invention of Applicants' claim 51.

Conclusion

The foregoing is submitted as a full and complete response to the Official Action mailed September 10, 2003. Applicants submit that claims 31-54 are in condition for

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allowance. Reconsideration is requested, and allowance of claims 31-54 is earnestly solicited.

Should it be determined that an additional fee is due under 37 C.F.R. §§1.16 or 1.17, or any excess fee has been received, please charge that fee or credit the amount of overcharge to deposit account #50-0221. If the Examiner believes that there are any informalities which can be corrected by an Examiner's amendment, a telephone call to the undersigned at (480) 554-4198 is respectfully solicited.

Respectfully submitted,



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